(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 22 August 2002 (22.08.2002)

PCT

(10) International Publication Number WO 02/064088 A3

- (51) International Patent Classification7: A61K 31/56, 31/58
- (21) International Application Number: PCT/US02/04262
- (22) International Filing Date: 12 February 2002 (12.02.2002)
- (25) Filing Lauguage:

English

(26) Publication Language:

English

- (30) Priority Data: 09/681,189 14 February 2001 (14.02.2001)
- (71) Applicant and
- (72) Inventor: NIAZI, Sarfaraz, K. [US/US]; 20 Riverside Drive, Deerfield, IL 60015 (US).
- (74) Agents: SHEKLETON, Gerald, T. et al.; Welsh & Katz, Ltd., Suite 2200, 120 South Riverside Plaza, Chicago, IL 60606 (US).
- (81) Designated States (inational): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- (88) Date of publication of the international search report:
 5 December 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

02/064088 A3

(54) Title: PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF ALOPECIA

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/04262

Α.	CLA!	SSIFICATION OF SUBJECT MATTER			
IPC(7) : A61K 31/56, 31/58					
US CL : 514/171, 177, 182					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S.: 514/171, 177, 182					
Dominantation assert at all at the second state of the second stat					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
USPATFULL PCTFULL WPIDS					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Categor			populate of the rei	other same	D-1
Y		Citation of document, with indication, where appropriate, of the relevant passages US 6,019,976 A (BRYANT) 01 February 2000 (01.02,2000), col.2-3, col.4 lines 38-50			Relevant to claim No.
_		CG 0,019,970 A (BR 1AN1) Of Peoromy 2000 (01.02,2000), col.2-3, col.4 lines 38-50			
Y	Į	US 5,834,014 A (WEINER et al.) 10 November 1998 (10.11.1998), abstract, col. 4-8,			
	and claims 1-4.				
Y	ł	US 5,877,209 A (YUNIS) 02 May 1999 (02.05.1999), abstract, col.4, and claims 1-9.			
7.					
Y	US 5,565,207 A (KASHIBUCHI et al.) 15 October 1996 (15.10.1996), abstract, col.3			1-42	
	lines 33-38, col.7-24, and claims 1-14.				-
	- 1				
	ł				
	- 1				,
	- 1				
	- 1				
Fur	ther o	documents are listed in the continuation of Box C.	C	r!!-	
! 		cial categories of cited documents;		family annex.	
			"T" later docume	ent published after the im-	mational filing date or priority ation but cited to understand the
"A" docu	ment d	clining the general state of the art which is not considered to be r relevance	principle or	theory underlying the invi	anjon . The order to minestime the
•			"X" document of	particular relationses the	claimed invention cannot be
=E= ⊏arlia	er appli	ication or patent published on or after the international fiting date	considered n	ovel or cannot be conside	antica investion continue no red to involve on investive step
"L" docu	ment w	hich may throw doubts on priority claim(s) or which is cited to	when the do	cument is taken alone	•
estab speci	lish the	publication date of another citation or other special reason (as	"Y" document of	particular relevance; the	claimed invention cannot be
	-		considered to	involve an inventive step	when the document is documents, such combination
"O" docu	ment re	ferring to an oral disclosure, use, exhibition or other means	being obviou	s to a person skilled in the	art
"P" docur	nent pi	iblished prior to the international filing date but later than the	"&" document me	unber of the same patent ;	· Yemilu
priority use claimed					
Date of th	e act	ual completion of the international search	Date of mailing of the international search report		
X6 June 2002 (06.06.2002) Name and mailing address of the ISA/US			02 AUG 2002		
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks			Authorized Ufficer		
Box PCT			Minna Moezie		
		gian, D.C. 2021			
Facsimile No. (703)305-3230 Telephone No. (703)305-1235					
orm PCT/ISA/210 (second sheet) (July 1998)					